

## ECS/EMD Configuration Change Request

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Page(s)

1. Originator Sarah Lewallen	2. Log Date: 12/15/2004	3. CCR #: 04-0676	4. Rev:	5. Tel: 301-925-0865	6. Rm #: 3103A	7. Org. COTSHW
8. CCR Title: Create a partition for logs and health status on the StorNext metadata server						
9. Originator Signature/Date Sarah Lewallen /s/ 12/13/2004			10. Class II	11. Type: CCR	12. Need Date: 12/22/04	
13. CCR Sponsor Signature/Date Pamela Johnson /s/ 12/13/2004			14. Category of Change: Update ECS/EMD Baseline Doc		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist): 922-TDx -044, 920-TDx-008			17. Schedule Impact: None		18. CI(s) Affected:ISSHW	
19. Release Affected by this Change: N/A		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: Request by DAAC						
23. Problem: (use additional Sheets if necessary) The scripts for the shadow logs attempts to create the log directory at /tools/common. This is a read only file system that causes the script to fail.  The health checks are filling up the MSS File server and need to be moved to free space.						
24. Proposed Solution: (use additional sheets if necessary) Create a 30 GB partition on x0sas02, called /data3. Create a directory called /data3/logs. Export this directory to each of the servers on the SAN. Create nfs mount points from servers to /data3/logs with read and write permissions.  Setup a cron job to run the RAID "health checks" on a weekly basis. Create a directory called /data3/profile to collect the information. The command is SM8cli -n hostname -c 'show storagearray healthstatus profile;' -o /data3/profile/hostname_date_profile.txt						
25. Alternate Solution: (use additional sheets if necessary) None						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) the health status are currently stored on the mss file server which is low on space and may not be able to keep history on the RAID's.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. SCDV CCB Chair (Sign/Date): Abdollah Abtahi /s/ 12/16/2004			Disposition: <span style="border: 1px solid red; color: red;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. EDF CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			